



Digital roll inspection system

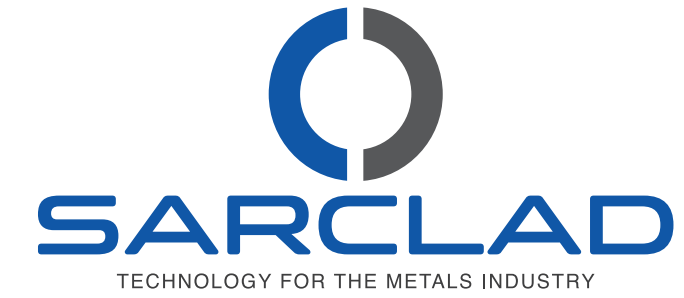
Mounted onto the roll grinding machine, the Rollscan system becomes an integral part of the roll dressing process.

- Ultrasonic and Eddy Current Probes for rapid roll inspection.
- Motorised Slides 300mm to 1000mm.
- Calibration screen.

Detects surface and sub-surface defects along with their angular and longitudinal position to allow effective roll quality management.

A modular design ensures ease of future upgrades and avoids obsolescence.

- Choice of languages.
- Real-time assessment of roll quality.
- Network data transfer.



ROLLSCAN



CONTACT

UK - Head Office
Sarclad Limited,
Advanced Manufacturing Park,
Whittle Way,
Rotherham,
S60 5BL,
United Kingdom.

Tel: +44 (0)114 293 9300
Fax: +44 (0)114 293 9301
Email: sales@sarclad.com

USA - Sales & Service
Sarclad North America,
RIDC Riverplace,
30 South Linden Street,
Duquesne,
PA 15110,
USA.

Tel: +1 412 466 2000
Fax: +1 412 466 6330
Email: sales@sarcladna.com

India - Sales & Service
Sarclad India,
306, 308 Prestige Centre Point,
Cunningham Road,
Bangalore,
560052,
India.

Tel: +91 080-22200051
Email: vinay.kumar@sarclad.com

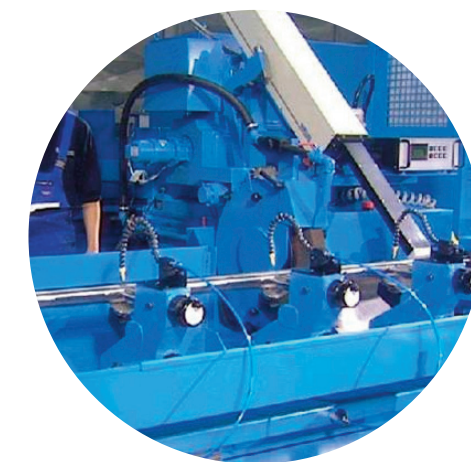
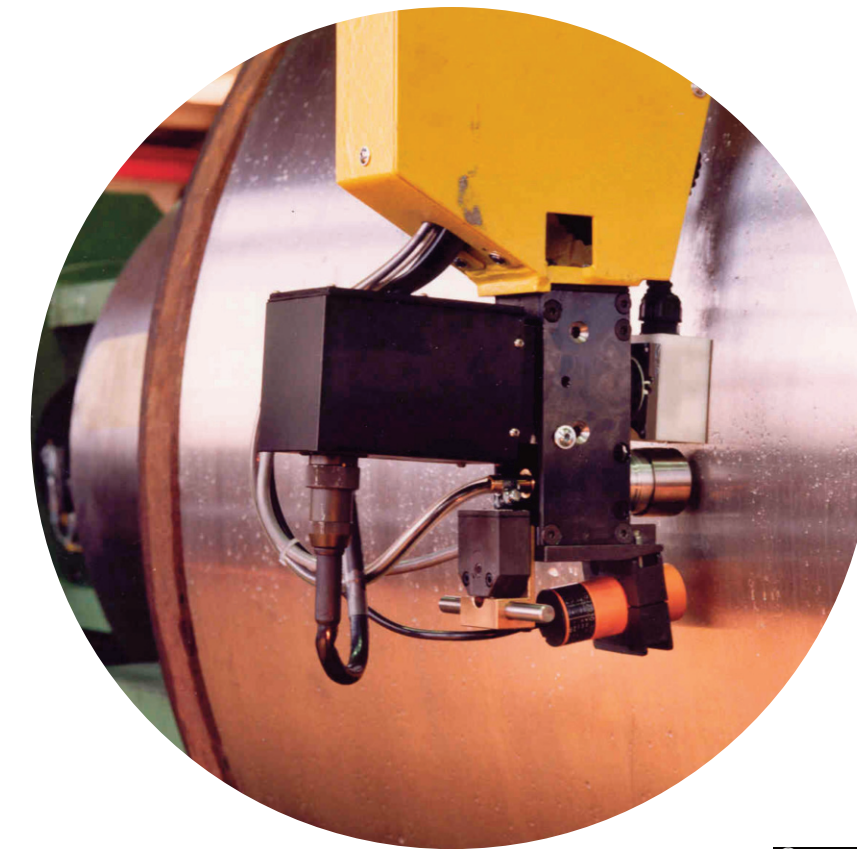
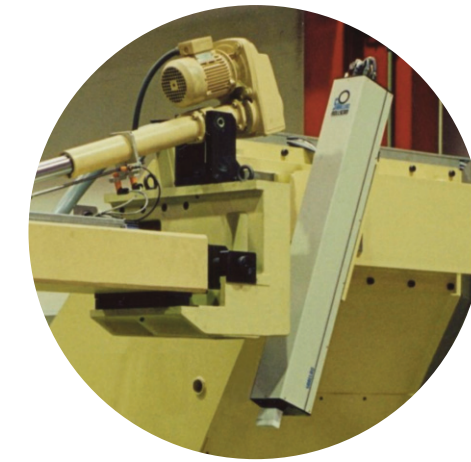
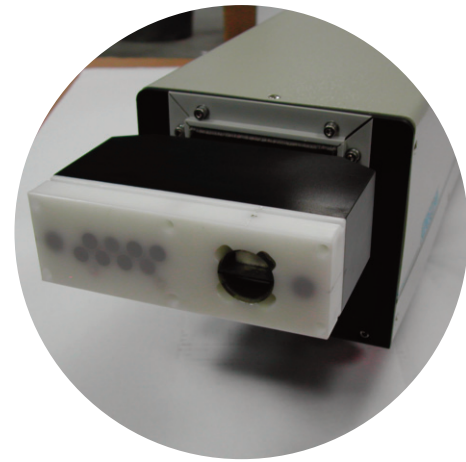
China - Sales & Service
Sarclad China,
Room 1306,
Xing Di Building,
1698 Yi Shan Road,
Shanghai, 201103,
China.

Tel: +86 21 5438 8867
Fax: +86 21 5438 8807
Email: terry.tan@sarclad.com

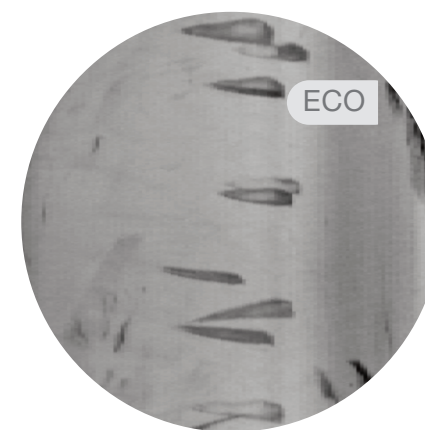
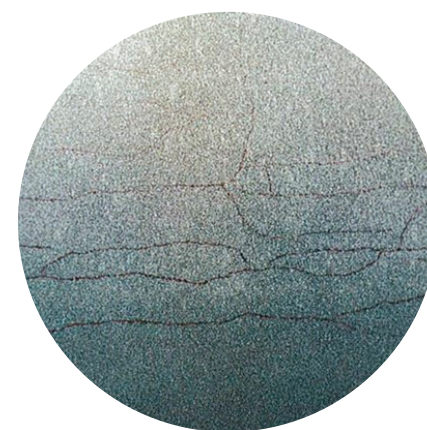
ROLLSCAN

Detects and qualifies roll cracks, metallurgical defects and sub-surface flaws.

- Proven world leading technology.
- Approved by the leading automotive manufacturers.
- High product quality.
- Optimum roll life.
- Low operating costs.



- Sarclad ROLLSCAN – World leading technology in surface and sub-surface inspection of rolling mill rolls.
- Designed to provide fast and accurate real time results, using combined non-contact eddy current and ultrasonic technologies.
- Rollscan detects and quantifies roll cracks, metallurgical defects and sub-surface flaws.
- Detects and quantifies:
 - Cracks > 2.5mm length x 0.05mm depth
 - Bruises > 3mm length x 3mm width
- Detects and quantifies sub-surface flaws:
 - Shell core interface defects > 1.3mm
 - Non-metallic flaws
- Ensures optimum quality and prolongs refurbished roll life.



Non-contact surface and sub-surface inspection of hot and cold mill rolls.

- Over 700 units in use in a wide range of applications throughout the world.
- Fully automated for integration into CNC controlled grinders.

An advanced state of the art roll inspection system.

- Robust, simple to use and requires very little operator training.
- Touch screen control.
- Minimal mill down time.
- Incident free service.

